4. (Amended) A compound according to claim 1, in which the group M is selected from acrylate; methacrylate; 2-chloroacrylate; 2-phenylacrylate; acrylamide, methacrylamide, 2-chloroacrylamide and 2-phenylacrylamide, the nitrogen atom of which is optionally substituted by a lower alkyl group; vinyl ether; vinyl ester; a styrene derivative; siloxane; imide; amic acid; an amic acid ester; amidimide; a maleic acid derivative and a fumaric acid derivative.

5. (Amended) A method of manufacturing a compound as claimed in claim 1, comprising the polymerization of one or more pre-finished monomer units of formula (I).

6. (Amended) A method of manufacturing a compound as claimed in claim 1, which comprises reacting a photoactive derivative with a functional polymer analogue of a polymer according to Claim 1.

7. (Amended) A polymer layer, comprising a compound of formula (I) in cross-linked form.

10. (Amended) An optical or an electro-optical device, comprising a compound according to claim 1.

11. (Amended) An optical or an electro-optical device, comprising a layer according to Claim 7.

12. (Amended) A compound as claimed in claim 1, which is Poly-[1-[11-[5-[4-[(*E*)-2-methoxy-carbonylvinyl]benzoyloxy]-2-[6-[2-methoxy-(E)-4-(methoxycarbonylvinyl)-phenoxy]oxyhexyl]benzoyloxy]undecyloxycarbonyl]-1-methylethylene].